

### **3.2 Circular Functions & Linear Velocity (odd answers)**

1.  $420^\circ, -300^\circ$

3.  $315^\circ, -405^\circ$

5.  $\frac{7\pi}{3}, -\frac{5\pi}{3}$

7. Q I

9. Q IV

11.  $20^\circ$

13. D

15. 1036.7 feet per minute

17. 143.24 revolutions per second

19. 3179 inches per minute